

# GateKeeper™ 3D

easily retrofits to any existing mechanical or electrical system

### Easy to Install

Retrofits to ANY and ALL door protection systems without removing the existing system – even electro-mechanical safety-edge applications. Other 3D products require removal of the existing door safety edge in order to obtain 3D functionality.

### Intelligent Design

Distinguishes between static and moving objects in the 3D zone. This allows the system to override the static object's presence, enabling the door to close, thus avoiding delays.

### Adjustable 3D Zone

Adjusts to aim in two dimensions. For center-opening applications, the ideal detection zone is directly in front of the door. However, for side-opening doors, the 3D sensor can also be adjusted left and right to aim the detection zone for the particular application.

### GateKeeper™ 3D: Industry-Leading Technology and Design

- Detection zone constant and active until 50mm before door closure
- Easy upgrade of existing installations
- For static or dynamic applications
- Defined and adjustable 3D protection area
- Automatically detects type of door protection controls it is connected to during 'power-up', and automatically generates compatible output signal (for relay or semiconductor interface)



Complete with all mounting hardware necessary for either surface-mount or flush-mount installation on cab tansom.



The 3D sensor projects the invisible 'cone' of infrared light out onto the landing to detect people and objects approaching the elevator.

GATEKEEPER 3D ORDERING INFORMATION	
Adams part no.	Description
A8503D	GateKeeper™ 3D Sensor (includes mounting hardware)

Technical Data: GateKeeper™ 3D	
Power Supply Voltage	20 - 265 VAC/DC use "Greenfield Fittings" with voltage above 42 volts
Current Consumption	250 mA @ 24 VDC, 60 mA @ 240 VAC
Output Relay*	NC and NO selectable <i>*If switching high voltage DC, use pilot relay (not included)</i>
Plug Type	Four WAGO for user interface
Enclosure Rating	IP45
<b>3D Sensor</b>	Diffuse reflective sensor with intelligent data processing
Operating Range	Approx. 2 ft. – 13 ft.
Active Area (adjustable)	Spot of approx. 12" dia. @ 7 ft.
Connection Cable	10 ft.
<b>Bypass Switch</b>	Bi-stable magnetic reed switch
Operating Range	0.04" – 1.15"
Connection Cable	10 ft.

GateKeeper™ 3D — TM Adams Elevator Equipment Company  
Designed and manufactured by Cedes Corp